

**Review of Application for Course Approval**  
**RDA Pit and Fissure Sealant Course (CCR Section 1070.3)**

**Name of Reviewer:** COMDA Educational Consultants -

**Date of Review:**

**Name of Applicant:**

**(a) Educational Setting.** The course shall be established at the post-secondary educational level.

Standard	Standard Met	Standard Not Met	Comments/Recommendations
1. Is the course established at the post-secondary educational level?			

**(b) Prerequisites.** Each student must possess the necessary requirements for application for RDA licensure or currently possess an RDA license. Each student must have already completed a Board-approved course in coronal polishing.

Standard	Standard Met	Standard Not Met	Comments/Recommendations
2. Will each student possess or be qualified for RDA licensure?			
3. Will each student possess Coronal Polishing certification?			

**(c) Administration/Faculty.** Adequate provision for the supervision and operation of the course shall be made.

Standard	Standard Met	Standard Not Met	Comments/Recommendations
4. Does each faculty member possess a valid, active, and current RDAEF, RDH, RDHEF, RDHAP, DDS license (RDA with sealant certification)?			
5. Are all faculty licensed for a minimum of two years?			
6. Do all faculty have the education, background, and occupational experience and/or teaching expertise necessary to teach, place, and evaluate the application of pit and fissure sealants?			
7. Are all faculty listed, with their license number, a curriculum vitae and copy of a CPR card for each?			
8. Is evidence provided that all faculty responsible for clinical evaluation have			

completed a two hour methodology course in clinical evaluation?			
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**(d) Length of Course.** The program shall be of sufficient duration for the student to develop minimum competence in the application of pit and fissure sealants, but shall in no event be less than 16 clock hours, including at least 4 hours of didactic training, at least 4 hours of laboratory training, and at least 8 hours of clinical training.

Standard	Standard Met	Standard Not Met	Comments/Recommendations
9. Is the length of the course at least 16 hours?			
10. Are specific hour requirements (4 didactic, 4 lab, 8 clinical) met?			

**(e) Evidence of Completion.** A certificate or other evidence of completion shall be issued to each student who successfully completes the course.

Standard	Standard Met	Standard Not Met	Comments/Recommendations
11. Will a certificate be provided using COMDA's form?			

**f) Facilities and Resources.** Facilities and class scheduling shall provide each student with sufficient opportunity, with instructor supervision, to develop minimum competency in applying pit and fissure sealants. Such facilities shall include safe, adequate and educationally conducive:

Standard	Standard Met	Standard Not Met	Comments/Recommendations
12. Does over-all description of the facilities and class scheduling provide adequate opportunity, with instructor supervision, for student to develop minimum competency in sealant placement?			
13. Does classroom size and equipment accommodate the number of students enrolled? Are the following present: Chairs, tables or desks, AV equipment, white board or chalk board?			
14. Is there at least one operator for every five enrolled students?			
15. Is each operator of sufficient size to accommodate a student, an instructor, and a patient at one time?			
16. Is the location and number of "general use" equipment available and listed, such as: a. Curing lights b. Patient trays c. Handpieces (straight, contra angle) d. Basic set-ups e. Isolation materials f. Sealant and etch or etch/bond materials g. Coronal polish materials h. Sealant finishing materials (stones, etc.)			

<b>17. Do course scheduling requirements include:</b> <ul style="list-style-type: none"> <li>a. Detailed course content.</li> <li>b. Hour breakdown by lecture, laboratory and clinical hours.</li> <li>c. General description of lecture.</li> <li>d. Description of laboratory activities.</li> <li>e. Description of clinical activities, i.e. number of patients, sealant requirements, etc.</li> <li>f. Description of course evaluation.</li> </ul>			
<b>18. Are written clinical and laboratory protocol provided, and appropriate to ensure adequate asepsis, infection and hazard control, and disposal of hazardous wastes?</b> <ul style="list-style-type: none"> <li>a. Counter space for preparing instruments</li> <li>b. Ultrasonic cleaner or instrument washer</li> <li>c. Ample packaging?</li> <li>d. Process indicators?</li> <li>e. Heat sterilizers?</li> <li>f. Will products such as multi-use etch and sealant syringes be protected from cross-contamination?</li> <li>g. Designation of contaminated areas.</li> </ul> <p style="text-align: center;">and/ or</p> <p>Are students required to bring all of their armamentarium to class pre-sterilized/bagged?</p>			
<b>19. Will such protocols be provided to all students, faculty and appropriate staff?</b>			
<b>20. Is there a written policy on managing emergency situations? Will it be made available to all students, faculty, and staff?</b>			
<b>21. Is there a description of the hazards related to etchant and sealant material mishandling (MSDS)? Does it include description of treatment, protection and toxicity? Is this provided to staff, students, etc?</b>			
<b>22. Will all students involved in the direct provision of patient care be certified in basic life support procedures?</b>			

**(g) Program Content.** Sufficient time shall be available for all students to obtain laboratory and clinical experience to achieve minimum competence in the various protocols used in the application of pit and fissure sealants.

Standard	Standard Met	Standard Not Met	Comments/Recommendations
<b>23. Is a detailed course outline provided which clearly states curriculum subject matter including :</b>			
<ul style="list-style-type: none"> <li>a. Objectives: <ul style="list-style-type: none"> <li>General program</li> <li>Cognitive</li> <li>Psychomotor</li> </ul> </li> </ul>			

b. Theoretical aspects of each subject as well as practical application.			
c. Objective evaluation criteria to measure student progress toward attainment of specific course objectives including both process and end product evaluation.			
d. Specific unit objectives and evaluation criteria are provided to the student for practical and written examinations.			
e. A performance standard that states the minimum number of satisfactory performances required for each procedure, i.e. etching, sealant placement etc.  Does the student grade his/her own performance?			
f. Sealant Materials (1) Etchant and/or etchant/bond combination material composition, manipulation, storage and handling. (2) Sealant material composition, polymerization, type, process, storage and handling. (3) Armamentaria for etching and sealant application. (4) Problem solving for etchant and sealant material placement/manipulation.			
g. Sealant Criteria (1) Areas of application (2) Patient selection factors (3) Other indication factors			
h.. Preparation Factors (1) Moisture control protocol (2) Tooth/teeth preparation procedure(s) prior to etching or etchant/bond			
i. Acid Etching or Etchant/Bond Combination (1) Material preparation (2) Application areas (3) Application time factors (4) Armamentaria (5) Procedure (6) Etchant or etchant/bond evaluation criteria			
j. Sealant Application (1) Application areas (2) Application time factors (3) Armamentaria (4) Procedure for chemical cure and light cure techniques (5) Sealant evaluation criteria (6) Sealant adjustment techniques			
<b>24. Clinical and evaluation protocols:</b>			
a. Is sufficient time available for all students			

<p>to obtain laboratory experience, achieving minimum competence in pit and fissure sealant application prior to the performance of procedures on patients?</p> <p>b. Is there a clear description on how the student is to perform in lab?</p> <p>c. Is there a minimum of 14 students per instructor during laboratory instruction?</p> <p>d. Will instruction be conducted on:</p> <ol style="list-style-type: none"> <li>(1) Typodont</li> <li>(2) Simulated model</li> <li>(3) Mounted extracted teeth</li> <li>(4) Which and how many teeth will be used for the laboratory activity?</li> </ol> <p>e. Is there a minimum of 6 students per instructor during clinical instruction?</p> <p>f. Will clinical instruction include clinical experience on four patients with two of the four patients used for the clinical examination?</p> <p>g. Does patient selection include the following description and requirements:</p> <ol style="list-style-type: none"> <li>(1) A minimum of four (4) virgin, non-restored, natural teeth</li> <li>(2) Will teeth be sufficiently erupted so that a dry field can be maintained, for application of the etching, or etchant/bond combination, and sealant materials?</li> <li>(3) Will clinical instruction include teeth in all four quadrants for each patient?</li> <li>(4) Is a protocol followed when a student does not achieve minimum competency on the first two clinical practice experiences requirements</li> </ol>			
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**(i) Evaluation and Examination.** Upon completion of the course, each student should be able to:

<p><b>25. Does the submission indicate that, upon completion of the course, each student will be able to, at a minimum, do the following:</b></p> <p>a. Identify the major characteristics of oral anatomy, histology, physiology, oral pathology, normal/abnormal anatomical and physiological tooth descriptions, morphology and microbiology as they relate to pit and fissure application.</p>			
<p>b. Explain the procedure to patients.</p>			

c. Recognize decalcification, caries and fracture lines.			
d. Identify the indications and contraindications for sealants.			
e. Identify the characteristics of self-curing and light-cured sealant material.			
f. Define the appropriate patient selection factors and indication factors for sealant application.			
g. Utilize the proper armamentaria in an organized sequence.			
h. Maintain the appropriate moisture control protocol before and during application of etchant and sealant material			
i. Demonstrate the proper technique for teeth preparation prior to etching.			
j. Select and dispense the proper amount of etchant and sealant material.			
k. Demonstrate the proper techniques for application of the etchant and sealant material.			
l. Implement problem solving techniques associated with pit and fissure sealants.			
m. Evaluate etchant and sealant placement techniques according to appropriate criteria.			
n. Check the occlusion and proximal contact for appropriate placement techniques.			
o. Adjust occlusion and evaluation or correct proximal area(s) when indicated.			
p. Maintain aseptic techniques including disposal of contaminated material.			
<b>26. Written examination requirements:</b>  a. Will each student pass a written examination that reflects the entire curriculum content?  b. Is the design of each question appropriate, i.e., multiple choice, matching, etc.?  c. Is the time frame for the exam adequate?  d. Is there an answer key for the questions submitted?			
<b>27. Laboratory requirements</b>  a. Is an appropriate evaluation form used?  b. Does the design of the grade sheet demonstrate a product evaluation format?  c. Is the laboratory evaluation form the same as the clinical patient evaluation form?  d. Is there a clear description of how a grade			

<p>is determined?</p> <p>e. Do the student, partner and instructor use this grade sheet?</p> <p>f. Is there a protocol for remedial assistance if the laboratory performance is not adequate?</p> <p>g. Does the criteria clearly define the minimum performance required for laboratory projects.</p>			
<p><b>28. Clinical Requirements:</b></p> <p>a. Does the clinical practice (2 patients) meet the criteria specified above and will it be completed on an appropriate evaluation form?</p> <p>b. Does the grade sheet demonstrate a product evaluation format?</p> <p>c. Is the clinical patient evaluation form the same as the laboratory evaluation form?</p> <p>d. Is there a clear description of how a grade is determined?</p> <p>e. Do the student, partner and instructor use this grade sheet?</p> <p>f. Is there a protocol for remedial assistance if the clinical practice performance is not adequate?</p> <p>g. Does the criteria clearly define the minimum performance requirement for clinical patient experiences?</p> <p>h. Does the criteria clearly define the minimum performance for infection control protocol?</p>			
<p><b>29. Clinical Examination Requirements:</b></p> <p>a. Does completion require pit and fissure sealants to be successfully placed on two of four clinical patients?</p> <p>b. Does the clinical examination meet the criteria specified above and will it be completed on an appropriate evaluation form?</p> <p>c. Does the grade sheet demonstrate a product evaluation format?</p> <p>d. Is the clinical patient evaluation form the same as the laboratory evaluation form?</p>			

<p>e. Is there a clear description of how a grade is determined?</p> <p>f. Do the student, partner and instructor use this grade sheet?</p> <p>g. Is there a protocol for remedial assistance if the performance on the clinical examination is not adequate?</p> <p>h. Does the criteria clearly define the minimum performance requirements for clinical examination?</p> <p>i. Does the criteria clearly define minimum performance for infection control protocol?</p>			
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<p><b>30. Is the student provided with the course requirements that include:</b></p> <p>a. Minimum number of satisfactory performances?</p> <p>b. Objective evaluation criteria?</p> <p>c. Written and clinical examination protocol?</p> <p>d. Requirements for passing the course?</p>			
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**(h) Externship Instruction.** If an extramural clinical facility is utilized, students shall, as part of an organized program of instruction, be provided with planned, supervised clinical instruction in the application of pit and fissure sealants.

<b>31. Will an extramural clinical facility be utilized?</b>			
a. When using an extramural clinical facility, will students, as part of an organized program of instruction, be provided with planned, supervised clinical instruction in the application of pit and fissure sealants?			
b. Will the program director/coordinator or a dental faculty member be responsible for selecting extern clinical sites and evaluating student competence in performing procedures both before and after the clinical assignment?			
c. Is a description included of how the clinical sites will be selected and how student competence will be evaluated?			
d. Will the program director/coordinator or a dental faculty member be responsible for selecting extern clinical sites and evaluating student competence in performing procedures			



both before and after the clinical assignment?			
e. Is a description of how the clinical sites will be selected and how student competence will be evaluated provided?			
f. Will the extramural dentist be oriented by the program director/coordinator or a dental faculty member prior to the student assignment? Is a description of the orientation process included?			
g. Will orientation of the extramural dentist include the objectives of the course, the preparation the student has had for the clinical assignment, and a review of procedures and criteria to be used by the dentist in evaluating the student during the assignment?			
h. Is there a written contract of affiliation with each extramural clinical facility utilized by the program? Does this contract describe:  (1) The settings of the clinical training facility. (2) The equipment and armamentarium to be used.			

**Evaluator Recommendations/Comments:**